VAISALA

Order form
Purchaser ______________________

Valid from 30th September 2005
Order no. ______________________

HMT337 Humidity and Temperature Transmitter with warmed probe

For high humidities

Vaisala HUMICAP® Humidity and Temperature Transmitter			HMT330
Transmitter type	**HMT337**		**7**
Cable lenght (dew point probe)	**2 m cable**		**S**
	5 m cable		*T*
	10 m cable		*U*
Additional temperature probe	**No probe**		**0**
	2 m cable		*1*
	5 m cable		*2*
	10 m cable		*3*
Parameters	**Td+Tdf+x+pw**	*(dew point probe only)*	**C**
	RH+T+Td+Tdf+a+x+Tw+ppm+pw+pws+h+dT	*(with additional T probe)*	*D*
Display	**No display**		**0**
	Graphic LCD with backlight		*1*
Power supply	**10...35 VDC , 24 VAC**		**0**
	Galvanic isolation for outputs 10...35 VDC , 24 VAC		*1*
	Universal AC-power (100...240 VAC)		*2*
	Universal AC-power (100...240 VAC) + US power cord		*3*
	Universal AC-power (100...240 VAC) + EUR power cord		*4*
	Universal AC-power (100...240 VAC) + UK power cord		*5*
	Universal AC-power (100...240 VAC) + AUS power cord		*6*
Signal output	**Analog output channel (Ch1&Ch2&Ch3)**	**4... 20 mA**	**1**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 20 mA**	**2**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 1 V**	**3**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 5 V**	**4**
	Analog output channel (Ch1&Ch2&Ch3)	**0... 10 V**	**5**
	+ Serial interface RS232 or optional communication module		

Analog output signals for Ch1 , Ch2 and Ch3 (ref. to parameters selection above)			Channel 1	Channel 2	Channel 3, choose A, if not needed
	No 3rd analog output				**A**
	RH	**(0... 100%RH)**	**B**	**B**	*B*
	T	**(range: see below)**	**C**	**C**	*C*
	Td (-20...100°C)	**(-4...+212 °F)**	**D**	**D**	*D*
	Tdf (-20...100°C)	**(-4...+212 °F)**	**E**	**E**	*E*
	a (0...600g/m3)	**(0...262 gr/ft3)**	**F**	**F**	*F*
	Tw (0...100°C)	**(+32...+212°F)**	**G**	**G**	*G*
	x (0...500g/kg d.a)	**(0...3500gr/lb)**	**H**	**H**	*H*
	h (-40...1500 kJ/kg)	**(-9.5...+652.6 Btu/lb)**	**J**	**J**	*J*
	ppm (0…5000)	**(0…5000)**	**K**	**K**	*K*
	pw (0…1000 hPa)	**(0…14.5psi)**	**L**	**L**	*L*
	pws (0…1000 hPa)	**(0…14.5psi)**	**M**	**M**	*M*
	dT (-10...+50 °C)	**(14...+122 °F)**	**N**	**N**	*N*
SPECIAL Define quantity	**Ch1:______ Ch2:______ Optional Ch3:______**		**X**	**X**	*X*
Define scale	**Ch1:______ Ch2:______ Optional Ch3:______**				

Feature	Selection	Note	Code
Analog output range for temperature	**No temperature output**		**A**
	-40...+60°C	**(-40...+140°F)**	**B**
	-40...+80°C	**(-40...+176°F)**	**C**
NOTE:	**-40...+120°C**	**(-40...+248°F)**	**D**
- Choose option A, if no	**-40...+180°C**	**(-40...+356°F)**	**E**
T output is desired	**-20...+60°C**	**(-4...+140°F)**	**F**
	-20...+80°C	**(-4...+176°F)**	**G**
	-20...+120°C	**(-4...+248°F)**	**H**
	-20...+180°C	**(-4...+356°F)**	**J**
	0...+60°C	**(+32...+140°F)**	**K**
	0...+100°C	**(+32...+ 212°F)**	**L**
	0...+120°C	**(+32...248°F)**	**M**
	0...+180°C	**(+32...356°F)**	**N**
	-60...60 °C	**(-76...+140°F)**	**P**
	Special	**:______**	**X**
Output units	**Metric**		**1**
	Non-metric		**2**
Option for module slot 1	**No module**		**0**
	Relay output		*1*
	RS-485 serial interface (galvanically isolated)		*2*
Option for module slot 2	**No module**		**0**
	Relay output		*1*
	3rd Analog output	*Choose also analog output signal for Ch3*	*3*
Cable bushings	**Cable gland M20*1.5**		**A**
Note! The Universal	**Conduit fitting NPT1/2"**		**B**
AC power not connected	*8-pole connector with 5m cable*		*C*
through 8-pole connector!	*8-pole counter connector equipped with screw terminals*		*D*
Transmitter installation	**Normal mounting**		**0**
	Wall mounting plate		*1*
	Pole installation kit		*2*
	Pole installation kit with rain shield		*3*
	DIN rail kit		*4*
Humidity sensor type	**Composite sensor**	**HUMICAP180C**	**5**
	Composite sensor with chemical purge	**HUMICAP180C**	**6**
Sensor protection	**PPS plastic grid & stainless steel netting**		**A**
	Sintered stainless steel filter		**C**
	Stainless steel grid		**D**
Installation kit for probe	**No kit**		**A**
	Duct installation kit		*C*
	Swagelok NPT 1/2"		*K*
	Swagelok ISO 3/8"		*L*
	Duct installation kit (RH + T probes)		*P*
	Swagelok NPT 1/2" + Swagelok NPT 1/8" (RH+T)		*Q*
	Swagelok ISO 3/8" + Swagelok ISO 1/8" (RH+T)		*R*
Operating manual language	**No manual**		**A**
	English		**B**
	German		**C**
	Japan		**J**
PC Accessories	**No**		**A**
	Service cable for PC		*B*
	MI70LINK software for Windows® + service cable for PC		*C*
Calibration / Calibration contract	**ISO9001 compliant factory calibration / No calibration contract**		**A**
	ISO 9001 compliant calibration 3 years		*B*
	ISO 9001 compliant calibration 5 years		*C*
	ISO 17025 Accredited calibration, 7 points (RH) (replaces standard factory calibration)		*D*
	ISO 17025 Accredited calibration, 7 points (RH) 3 years (calibration contract)		*E*
	ISO 17025 Accredited calibration, 7 points (RH) 5 years (calibration contract)		*F*
	ISO 17025 Accredited calibration, 7 points (RH+T) (replaces standard factory calibration)		*G*
	ISO 17025 Accredited calibration, 7 points (RH+T) 3 years (calibration contract)		*H*
	ISO 17025 Accredited calibration, 7 points (RH+T) 5 years (calibration contract)		*J*
Additional Maintenance	**No maintenance and repair contract**		**1**
	Maintenance and repair contract 3 years		*2*
	Maintenance and repair contract 5 years		*3*

* Additional maintenance contract can be chosen only if calibration contract is also chosen for the same time period

	PRICE
TOTAL	
QTY	
TOTAL VALUE	

Selections in bold are included in the prices of the basic versions.
Selections in italic are available at an extra price.

Example of order code with typical settings:

HMT330	7	S	1	D	1	0	1	B	C	A	B	1	0	0	A	0	5	A	A	B	A	A	1

End customer: ______________________________